

Learning Path For EARLY ACHIEVERS



OUR PHILOSOPHY

Today children are growing up as first citizens of the digital world. We want to help parents ensure that their child's relation to Technology is not just that of a passive Tech Consumer. We are not happy with them just being a Tech Creator either - **We want the children to be Future Tech Leaders!**

And with our Founding team having worked at global technology leaders like Amazon, we know exactly what that takes.



Leaders are about Excellence and Independence. Hence, we obsess about building **Independent Coding Confidence** in every single child.

That means their learning is not dependent on the teacher, only facilitated by it. Every project they do - they are measured not just on the output but on their confidence & ability to make it entirely on their own.

As ambitious as it sounds, without it we feel we haven't done our job. There is no point copying code or making impressive projects with 90% contribution by the teacher and passing it off as student's project.

To achieve that, apart from having computer science alums from IIT & CMU as curriculum heads, PurpleTutor is the only platform that:

- Mandates every teacher to have a formal Computer Science degree.
- Has inhouse teacher training, **PurpleTutor Academy**, where teachers are trained to let the students Lead the curriculum journey as per their creative ideas, ability and interest.
- Ensures each child develops Independent Coding Confidence, and go from being a **Coder -> PurpleCoder!**

Learning Path For EARLY ACHIEVERS



COURSE DETAILS

3 Weeks

LEARNER

9 Sessions

What will your child learn?

Basic Programming Concepts + UI designing

Introduction to JavaScript programming (text mode).
Basics of coordinate system, Loops, JS drawing commands.

What will your child do?

Write code to create 2D shapes, superimpose shapes to create complex patterns and static scenes, simple animations.

Benefits

- 2 Class Projects

3 Months

ENTREPRENEUR

40 Sessions

What will your child learn?

LEARNER +
Advanced Programming Concepts +
Game designing

Introduction to event based programming, Conditionals, Operators, Variables and Functions. Advanced JavaScript and basic Python programming.

What will your child do?

Write code to create an interactive game in JavaScript, beautiful patterns and simple games using Python turtle.

Benefits

- Certificates for -
 - Basics of Python programming
 - Game designing using JavaScript
- 5 Class Projects

1 Year

MAKER

100 Sessions

What will your child learn?

ENTREPRENEUR +
Machine Learning+ Artificial Intelligence
+ App Development

Advanced Programming in Python, Lists, Strings, Functions, Voice recognition, Image and Text recognition. UI/UX designing in app development.

What will your child do?

Write code in Python to create advanced programs, manipulate images. Explore the big ideas of AI. Train machine learning models and create projects for text recognition, voice and image recognition. Create mobile apps.

Benefits

- Publish Apps on Google Play Store / Apple Store
- Certificates for -
 - Basics of Python programming
 - Core Python programming concepts
 - Game designing using JavaScript
 - Artificial Intelligence and Machine Learning Concepts
 - App development
- 10 Class Projects

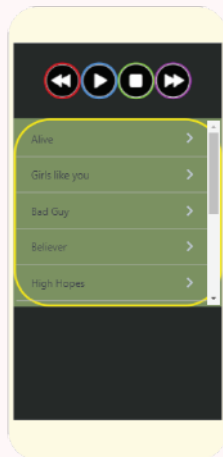
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STUDENT PROJECTS

APP DEVELOPMENT

Music Player App



Concepts

Database, Lists,
Design Thinking

GAME DESIGN Javascript

Car Racing Game

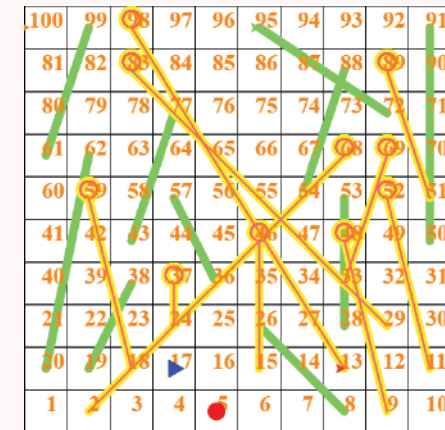


Concepts

Conditionals, Loops,
Event Based Programming

GAME DESIGN Python

Snakes & Ladders Game



Concepts

Events, Lists, Strings,
Functions, Logical Thinking

PURPLETUTOR'S PROJECT BASED LEARNING BOOSTS STUDENTS' CREATIVE THINKING, LOGICAL THINKING AND PROBLEM SOLVING SKILLS

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PARENT TESTIMONIALS



Among the three extra curricular classes Aman has signed up for, PurpleTutor is the one he enjoys the most. He seems to be doing the coding projects on his own all the time, while I constantly need to chase him for the other two!

Ashutosh Wakankar, Aman's father, USA



Ahana keeps telling me that she gets so much space for creativity with PurpleTutor. She is really excited about her classes, and I love how PurpleTutor is so service oriented and friendly.

Vipula Gandhi, Ahana's mother, USA